

What is claimed is:

1. A method for moving data objects in a computer system from a first to a second storage location, comprising:
 - 5 a) selecting one or more data objects from the first storage location,
 - b) assigning at least one identifier (ID) of at least one type to each of the selected data objects,
 - 10 c) storing said at least one ID in a lock object,
 - d) storing a data object, the at least one ID of which is contained in the lock object, at the second storage location and assigning the second storage location to the at least one ID in the lock object,
 - 15 e) deleting a data object, the at least one ID of which is contained in the lock object, from said first storage location,
 - f) deleting an at least one ID from the lock object earliest at a time at which step e) for the
20 respective data object assigned to that at least one ID has been completed.
2. The method of claim 1, wherein
25 a data object comprises one or more fields of one or more tables and wherein the at least one ID comprises one or more key fields of the one or more tables.
3. The method of claim 1 or 2, wherein
30 in step d) the data objects are stored in one or more files and wherein an assignment of the at least one ID to a filename or file, in which the data object assigned to the at least one ID is to be stored, is stored in the lock object.

4. The method of one of claims 1 to 3, wherein
IDs of at least two types are stored in one or more
lock objects, a first type, the IDs of which are
deleted from the respective lock object after the
respective data object has been deleted according
to step e), and a second type, the IDs of which are
deleted from the respective lock object after
completion of step c) for a particular first type
ID.
5. The method of claim 4, wherein
in step c) the IDs of the second type are stored in
a second lock object immediately after performing
step b) for the respective data object.
6. The method of claim 4, wherein
in step c) the second type of ID of the selected
data object is stored shortly before the storing
process according to step d) for the data object
assigned to that ID is started.
7. The method of one of claims 4 to 6, wherein
in step c) the IDs of the first type of all
selected data objects are stored before the first
storing process according to step d) is started.
8. The method one of claims 1 to 7, further
comprising:
 - g) checking before or while performing any of steps
a) to c) for a data object, whether an ID for that
data object has been stored in a lock object, and
if yes, skipping at least step d) for that data
object.
9. The method of one of claims 1 to 8, further
comprising:
 - h) checking before or while performing any of steps

a) to d) for a data object, whether the data object is contained in the second storage location, and if yes, skipping at least step d) for that data object.

- 5 10. The method of claim 9, wherein
said checking is performed by querying a lock
object.
11. The method of one of claims 1 to 10, further
comprising:
- 10 i) in case of a failure in step d) checking,
whether the data object assigned to the respective
ID has been completely stored in the second storage
location, and in case of no, skipping at least
steps e) and f) for that data object and deleting
15 the ID from the lock object.
12. The method of one of claims 1 to 11
for use in an enterprise resource planning
software.
13. A computer system for processing data by means of
20 or in a software application, comprising:
- memory for storing program instructions;
 - input means for entering data;
 - storage means for storing data;
 - a processor responsive to program instructions
 - 25 - programm instructions to carry out a method as of
any of claims 1 to 12.
14. A computer program comprising program code means
for performing a method as of any of claims 1 to 12ⁱ
if said program is executed on a computer system.
- 30 15. A computer readable medium comprising program code
for performing a method as of any of claims 1 to 12

if said program code is executed on a computer system.

16. A computer program product comprising a computer readable medium according to claim 15.

5 17. A computer data signal embodied in a carrier wave comprising:
program code for performing a method as of any of claims 1 to 12 if said program code is executed on a computer system.

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Table 1

Field A	Field B	Filed C	...	Field X
A	B			
B	C			
C	F			
...

Persistent Lock Object

ID 1	Archive
AB	001
BB	002
BC	002
CF	003
...	...

Table 2

Field A	Field B	Filed C	...	Field Y
E	L			
F	K			
G	H	M		No Table
C	F			
...

Transactional Lock Object

ID 2	
AB	
BC	
CF	
...	

Fig. 2